



Notice to Navigation Interests

US Army corps
Of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

Notice No.

Date

Waterway

Lake Erie, Ohio

LRB-ON-TD-S

Condition of Federal Navigation Channel Toledo Harbor and Maumee River, Toledo, Ohio

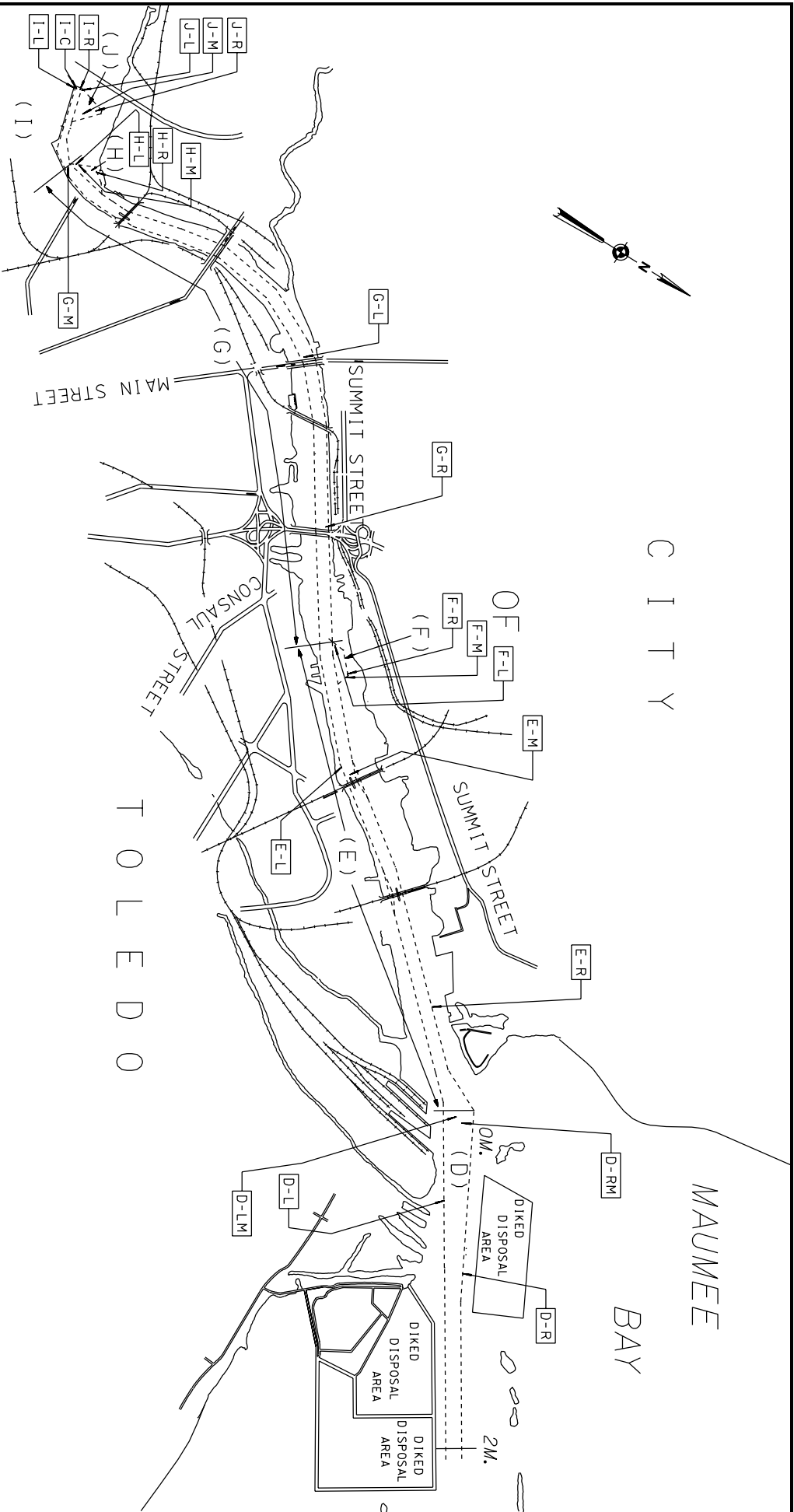
1. Condition surveys performed within the Federal Navigation Channel at Toledo Harbor and Maumee River, Ohio during the months of March 2002 through August 2002 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding print for Toledo Ohio consisting of (9) sheet, 02S-TOL-1/1, through 02S-TOL-1/9 at a cost of \$2.50 per sheet, and can be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain the Metadata and CADD files and view a color version of this map, point your web browser to **<http://www.lrb.usace.army.mil/waterways/survey/survey.html>** and locate the harbor on the table of harbors.
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

RAYMOND N. LEWIS, P.E.
Chief, NY/PA O&M Office

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)					PAGE 2 OF 7 PAGES <hr/> DATE			
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED					FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356			
RIVER/HARBOR NAME AND STATE TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) ENTRANCE CHANNEL.	AUGUST 2002	500	4 (a)	28	26.6	28.0+	28.0+	25.5
(B) ENTRANCE CHANNEL CONTINUES.	APRIL, JUNE 2002	500	5	28	25.5	27.7	28.0+	24.5
(C) ENTRANCE CHANNEL CONTINUES.	APRIL, JUNE 2002	500	5	28	24.4	27.1	25.9	23.8
(D) ENTRANCE CHANNEL CONTINUES.	APRIL 2002	500 – 950	2 (b)	28	21.8	26.0	25.7	18.4

REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 28 FOOT CONTOUR IN LAKE ERIE.
 (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)					PAGE 3 OF 7 PAGES		
					DATE		
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED				FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356			
RIVER/HARBOR NAME AND STATE TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)			
(E) MAUMEE RIVER CHANNEL, FROM THE END OF THE ENTRANCE CHANNEL TO THE UPSTREAM END OF THE LOWER TURNING BASIN.	MARCH, APRIL 2002	400-100	14,000 (c)	27	21.8	21.6	20.3
(F) LOWER TURNING BASIN.	APRIL 2002	350	1300 (b)	10	19.4	12.7	11.8
(G) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.	MARCH APRIL 2002	200 300-400	18,900 (c)	27	22.8	23.6	23.8
(H) MIDDLE TURNING BASIN	APRIL 2002	0-700	1300 (b)	27	22.4	18.6	21.3
(I) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.	APRIL, JUNE 2002	200	2600	25*	5.9	8.2	9.3
(J) UPPER TURNING BASIN.	APRIL, JUNE 2002	800	1100 (b)	18	10.8	12.8	12.1
NOTE: SECTION "G" HAS A LEAST WIDTH OF 200 FEET THRU THE CENTER, AND 25 FOOT DEPTHS IN THE REAMAING 400 FOOT WIDTH TO JUST ABOVE THE CHERRY STREET BRIDGE, THEN WIDENING TO 300 FEET ON THE SOUTHEAST TO THE PENN-CENTRAL RAILROAD BRIDGE, THEN WIDENING TO THE FULL 400 FOOT CHANNEL WIDTH.							
REMARKS: (*) NOT MAINTAINED. (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.							



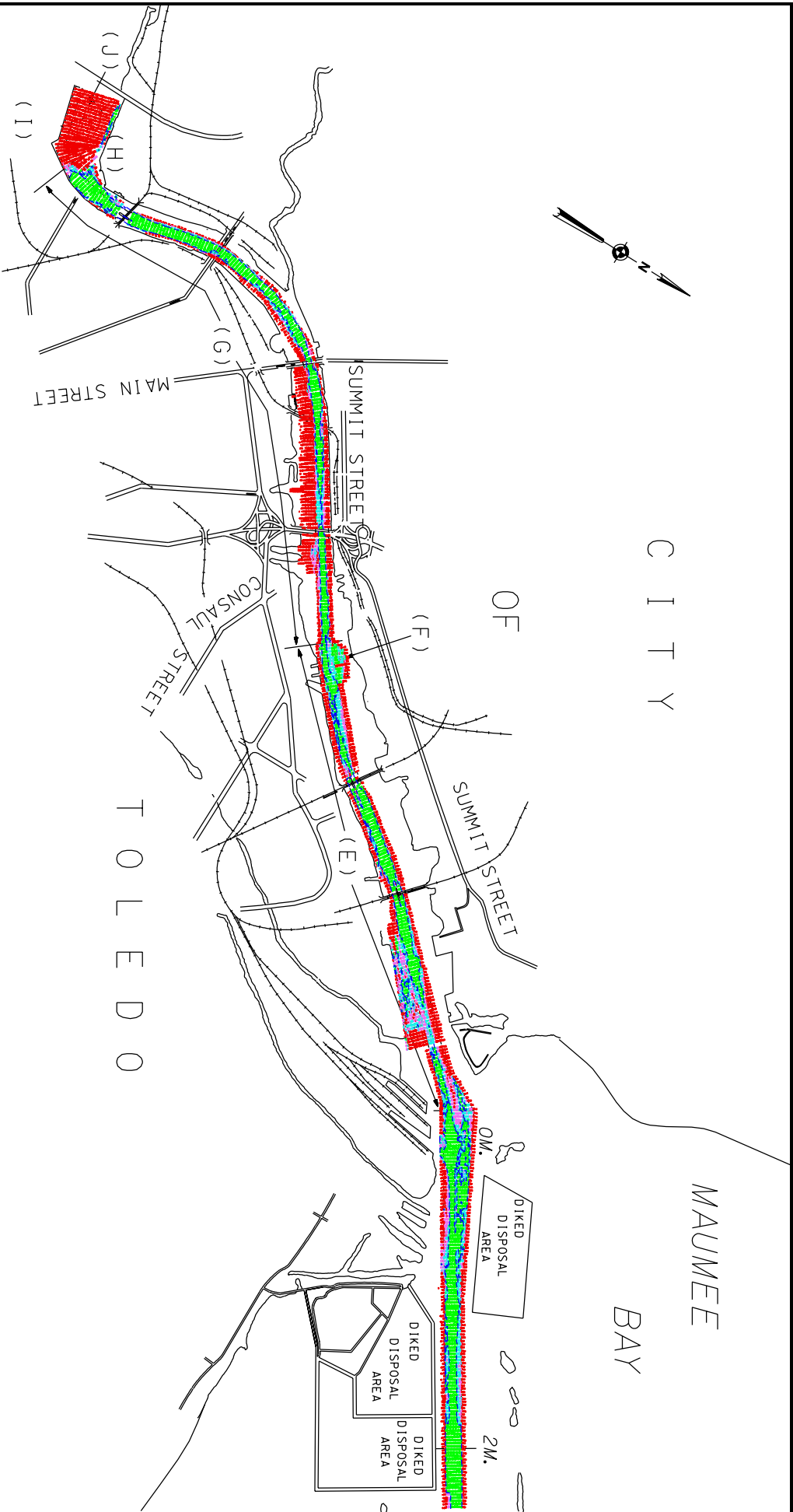
AREA	LEFT	MIDDLE	RIGHT
	(L)	(LM)(M)(RM)	(R)
D	21.8'	26.0', 25.7'	18.4'
E	21.8'	21.6'	20.3'
F	19.4'	12.7'	11.8'
G	22.8'	23.6'	23.8'
H	22.4'	18.6'	21.3'
I	5.9'	8.2'	9.3'
J	10.8'	12.8'	12.1'

TOLEDO HARBOR, OHIO
CHANNEL CONDITIONS
RIVER CHANNEL SECTIONS

SCALE OF FEET
2500 0 2500 5000

CORPS OF ENGINEERS, BUFFALO, N. Y.

SHEET 4 OF 7



AREA	LEFT	MIDDLE	RIGHT
	(L)	(LM) (M) (RM)	(R)
D	21.8'	26.0', 25.7'	18.4'
E	21.8'	21.6'	20.3'
F	19.4'	12.7'	11.8'
G	22.8'	23.6'	23.8'
H	22.4'	18.6'	21.3'
I	5.9'	8.2'	9.3'
J	10.8'	12.8'	12.1'

TO VIEW A COLOR VERSION OF THIS MAP, POINT
YOUR WEB BROWSER TO <http://www.lrd.usace.army.mil/waterways/survey/survey.html>

LEGEND

DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH

DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH

DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH

DEPTHS AT OR BELOW PROJECT DEPTH

TOLEDO HARBOR, OHIO

CHANNEL CONDITIONS

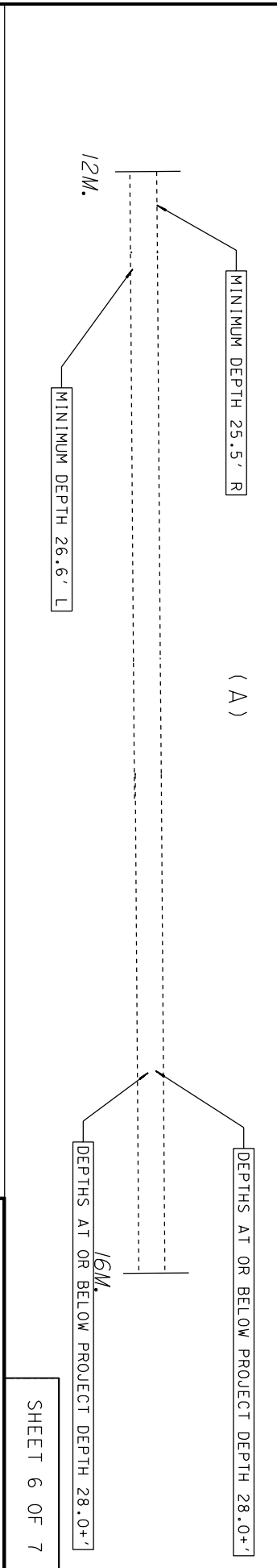
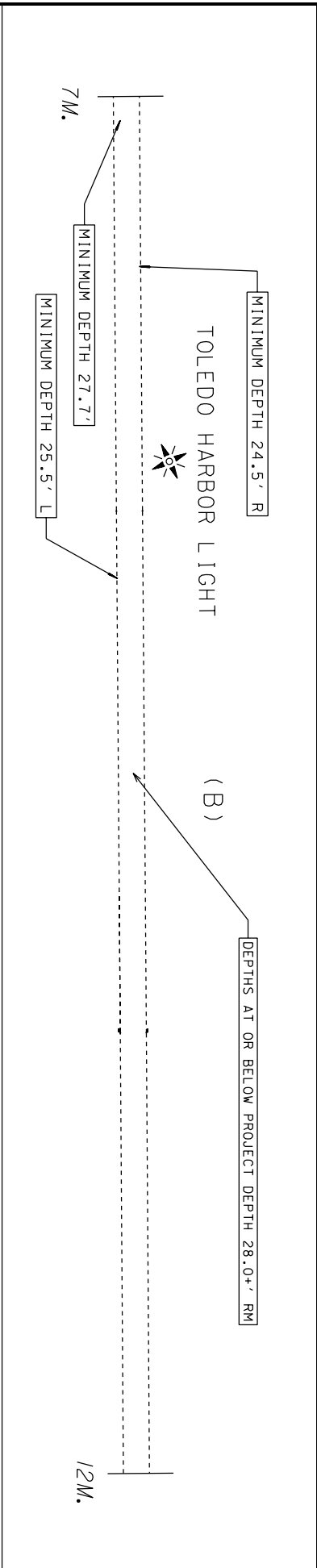
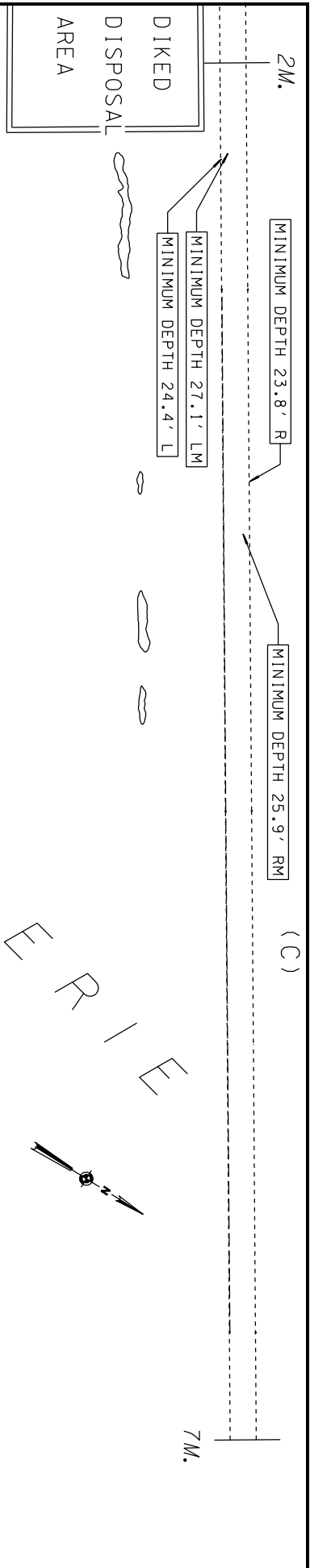
RIVER CHANNEL SECTIONS

SCALE OF FEET

2500 0 2500 5000

CORPS OF ENGINEERS, BUFFALO, N. Y.

SHEET 5 OF 7



TO VIEW A COLOR VERSION OF THIS MAP, POINT
YOUR WEB BROWSER TO <http://www.lrb.usace.army.mil/waterways/survey/2001data.html>

TOLEDO HARBOR, OHIO
CHANNEL CONDITIONS

BAY SECTIONS
SCALE OF FEET
1500 0 1500 3000

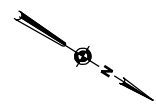
CORPS OF ENGINEERS, BUFFALO, N. Y.

SHEET 6 OF 7

DIKED
DISPOSAL
AREA



E R I E



TOLEDO HARBOR LIGHT



SHEET 7 OF 7

TO VIEW A COLOR VERSION OF THIS MAP, POINT
YOUR WEB BROWSER TO <http://www.lrb.usace.army.mil/waterways/survey/survey.html>

LEGEND

- DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

TOLEDO HARBOR, OHIO
CHANNEL CONDITIONS

BAY SECTIONS

SCALE OF FEET

1500 0 1500 3000

CORPS OF ENGINEERS, BUFFALO, N. Y.